

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An information processing system, comprising:
a first computing device ~~for~~ configured to:
receive from a second computing device, and a first local-area network
~~receiving a first information packet, the second computing device receiving being configured to~~
receive the first information packet from a global computer network, through a first router device
and a second local-area network that bypasses the first local-area network; and
~~outputting output~~ a second information packet to the global computer network
~~through a second router device, such that the second information packet bypasses the second~~
computing device first router device.
2. (Currently Amended) The system of ~~Claim~~ claim 1 wherein the
first computing device is ~~for outputting configured to output~~ the second information packet to the
global computer network from through a local-area the second local-area network and the second
~~router device.~~
- 3.-4. (Canceled)
5. (Currently Amended) The system of ~~Claim~~ claim 1 wherein the first
computing device is ~~for receiving~~ further configured to receive a third information packet from the
global computer network ~~through and the first router device~~ second local-area network.
- 6.-7. (Canceled)

8. (Currently Amended) The system of ~~Claim~~claim 1 wherein the first computing device ~~is~~comprises a network interface card.

9. (Currently Amended) The system of ~~Claim~~claim 1 wherein the first information packet originates from a client, and wherein the second computing device is coupled ~~through~~to the first router device and the global computer network to the client.

10. (Currently Amended) The system of ~~Claim~~claim 9 wherein the second information packet includes the first information packet and a reference to a data structure of a connection with the client.

11. (Currently Amended) A method performed by a first computing device of an information processing system, the method comprising:

receiving from a second computing device and from a first local-area network;
~~receiving~~ a first information packet, the second computing device receiving the first information packet from a global computer network, ~~through a first router device~~ and a second local-area network that bypasses the first local-area network; and

outputting a second information packet to the global computer network ~~through a second router device~~, such that the second information packet bypasses the ~~first router device~~ second computing device.

12. (Currently Amended) The method of ~~Claim~~claim 11 wherein the method comprises:

outputting the second information packet to the global computer network ~~through from a the second local-area network and the second router device~~.

13.-14. (Canceled)

15. (Currently Amended) The method of ~~Claim~~claim 11 ~~wherein the method comprises~~ further comprising:

the first computing device receiving a third information packet from the global computer network through and the first router device second local-area network.

16.-17. (Canceled)

18. (Currently Amended) The method of ~~Claim~~claim 11 wherein the first computing device ~~is~~comprises a network interface card.

19. (Currently Amended) The method of ~~Claim~~claim 11 wherein the first information packet originates from a client, and wherein the second computing device is coupled ~~through~~to the first router device and the global computer network to the client.

20. (Currently Amended) The method of ~~Claim~~claim 19 wherein the second information packet includes the first information packet and a reference to a data structure of a connection with the client.

21. (New) The method of claim 11 wherein the first computing device outputs the second information packet to the global computer network from a second router.

22. (New) The method of claim 11 wherein the first computing device outputs the second information packet to the global information network from the second local-area network and a second router.

23. (New) The method of claim 11 wherein the first computing device outputs the second information packet to the global information network from the second local-area network and the first router.

24. (New) The method of claim 11 wherein the second computing device comprises an intelligent network interface card.

25. (New) The method of claim 11 wherein the first computing device outputs the second information packet to the global computer network from a third local-area network.

26. (New) The method of claim 11 wherein the first computing device outputs the second information packet directly to the global computer network.

27. (New) The system of claim 1 wherein the first computing device is configured to output the second information packet to the global computer network from a second router.

28. (New) The system of claim 1 wherein the first computing device is configured to output the second information packet to the global computer network from the second local-area network and a second router.

29. (New) The system of claim 1 wherein the first computing device is configured to output the second information packet to the global computer network from the second local-area network and the first router.

30. (New) The system of claim 1 wherein the second computing device comprises an intelligent network interface card.

31. (New) The system of claim 1 wherein the first computing device is further configured to output the second information packet to the global computer network from a third local-area network.

32. (New) The system of claim 1 wherein the first computing device is further configured to output the second information packet directly to the global computer network.

33. (New) A server farm, comprising:
a first device;
a second device;
a first network coupled to the first device and to the second device; and
a second network coupled to the first device and to the second device, wherein the first device is configured to receive an information packet from a global computer network and the first local area network and to forward the information packet to the second device from the second local area network and the second device is configured to bypass the first device when outputting a second information packet to the global computer network.

34. (New) The server farm of claim 33 wherein the second computing device is configured to route the second information packet to the global computer network and the first local area network.

35. (New) The server farm of claim 33 wherein the second computing device is configured to route the second information packet to the global computer network and a third local area network.

36. (New) The server farm of claim 33 wherein the second information packet includes the first information packet and a reference to a data structure of a connection with a client.

37. (New) A signal-bearing medium configured to:
receive via a computing device and a first local-area network first information, the computing device being configured to receive the first information via a global computer

network, a first router and a second local-area network that bypasses the first local-area network;
and

transmit second information to the global computer network by a signal path that
bypasses the computing device.

38. (New) The signal-bearing medium of claim 37 in which the signal-bearing medium is configured to receive the first information before transmitting the second information.

39. (New) The signal-bearing medium of claim 37 in which the signal-bearing medium is a wire.

40. (New) The signal-bearing medium of claim 37 in which the signal-bearing medium is a storage medium.